

# NICU Review and Exam Prep

**The #1 Course for:**  
New & Experienced NICU Nurses  
Valuable for Level II Nursery Nurses also.  
Utilize for Orientation or Exam Prep!

# NICU

COMPREHENSIVE REVIEW

**M. Terese Verklan**  
PhD, CCNS, RNC, FAAN

**2018**

**ORLANDO, FL - January 16-18**

Host: Florida Hospital for Children  
Site: Barker B Conference room  
601 East Rollins St. Orlando, FL 32803

**EVANSVILLE, IN - May 1-3**

Host: Deaconnes Womens Hospital  
Site: 4199 Gateway Boulevard  
Newburgh, IN 47630

**DALLAS, TX - February 21-23**

Host: Parkland Health and Hospital  
Site: Ron J. Anderson Conference Room  
Old Parkland Hospital Building  
5201 Harry Hines Blvd., Dallas, TX 75235

**MORRISTOWN, NJ - September 12-14**

Host: Atlantic Health System  
Morristown Medical Center  
Site: Classroom at 475 South Street  
Morristown, NJ 07962

**ABINGTON, PA - March 27-29**

Host: Abington Hospital  
Site: Frobese Classroom  
1200 Old York Rd. Abington, PA 19001

**NEW ORLEANS, LA - October 10-12**

Hilton Garden Inn Convention Center  
1001 S Peters St., New Orleans, LA 70130

**SACRAMENTO, CA - April 16-18**

Hilton Sacramento Arden Mall  
2200 Harvard St,  
Sacramento, CA 95815

**CONFERENCE AMENITIES:**

*Complete Seminar Handout Provided  
Continental Breakfast and Lunch included  
Lunch (11:30 - 12:15)  
Parking fee (if any) your responsibility.*



P.O. Box 7447 Chico, California 95927-7447  
800-732-2387

**WWW.PROEDCENTER.COM**

## MEET YOUR SPEAKER...

### M. Terese Verklan, PhD, CCNS, FAAN

Practicing Neonatal Clinical Nurse Specialist, Professor, researcher and nationally/internationally acclaimed educator, Dr. Terese Verklan is committed to providing you with the most up-to-date and clinically relevant information to enhance your current and future practice in the NICU.

Dr. Verklan is both a co-editor of the new 5th Ed. **Core Curriculum for Neonatal Intensive Care Nursing**, as well as a chapter contributor for *Adaptation to Extrauterine Life, Neurologic Disorders and Legal Issues*. She has been a guest editor for JOGNN's *Clinical Issues* and for the *Journal of Perinatal and Neonatal Nursing*. She is a reviewer and editorial board member for a number of professional journals, and is an Associate Editor for the *Journal of Nursing and Health Sciences*. Dr. Verklan was the Winner of AWHONN's 2011 *Award of Excellence in Education*. Terese is a member of the American Association of Critical Care Nurses, Association of Women's Health, Obstetric and Neonatal Nurses, National Association of Neonatal Nurses and the Academy of Neonatal Nursing, and a board member for the National Perinatal Association. She knows the key issues and clinical challenges you face today. Because she continues to provide bedside care in a tertiary NICU, she knows what you need to know for quality care and advanced practice. Join her as she presents an informative and clinically focused program developed specifically for the practicing nurse!

## WHAT PEOPLE SAY...

**“Cardiac section was very EASY TO UNDERSTAND. Coming from a unit that does not see cardiac often - this was helpful!”**

**“I feel this course would be very beneficial for nursing care & infant outcomes if taken early in your career as a NICU RN, also, not just for review and exam. I found and learned many new practices/observations that I would have loved to have learned much earlier in my practice!”**

**“Terese has a unique way of teaching that allows for a deeper overall understanding of NICU topics. She is easy to follow and the handouts are full of great information.”**

**“This course should be mandatory for every NICU nurse! GREAT speaker - warm, approachable & focused!”**

### ———— GUARANTEE - CANCELLATION - TAXES ————

**GUARANTEE:** If you are not satisfied with the content and presentation of this program, notify the registrar by 12 noon 1st day of attendance for refund of registration fees.

**CANCELLATIONS:** Up to **7 days** before the program choose: Registration fee refund minus \$25 per day administrative fee or full value credit letter.

**Cancellation within 7 days:** No monetary refund. Send a substitute or request a credit letter (minus \$25/day administrative fee) which will allow you to apply fees to a future program of your choice. If program cannot be held due to circumstances beyond our control (natural disaster, strike, etc.) the seminar will be rescheduled. Registrants may choose free admission to the rescheduled program or a credit voucher good for any future PEC program, no cash refund. PEC reserves the right to substitute qualified speaker(s) in response to emergency circumstances beyond our control. **Professional tuition, travel/meal expenses are tax deductible.** See your tax advisor for details.

## WHO SHOULD ATTEND:

- **Nurses needing a review or overall orientation to NICU care situations**
- **Level II and III NICU and Special Care Nursery Nurses**
- **Clinical Specialists**
- **Professionals involved in the care and follow-up of at-risk neonates**
- **Nurses planning to take the RNC exam\***
- **Nurses preparing for neonatal CCRN exam**
- **Nurses needing recertification credits**

**Fast paced, comprehensive and intense review of physiology, pathophysiology, signs/symptoms, diagnosis, treatment and prognosis of the high risk neonate. This program will refresh your knowledge base, improve your assessment skills for clinical practice and assist you as a caregiver as well as prepare you for the RNC and CCRN exams. (Synergy Model is reviewed)**

## PROGRAM OBJECTIVES:

### Through Lecture and Discussion This Program Will:

- Review high-risk antepartum/intrapartum maternal factors that indicate potential neonatal risk.
- Identify physiologic changes and common problems that occur with transition to extrauterine life.
- Define, differentiate and formulate plans of care for major neonatal disorders such as PPHN, RDS, PDA, hypo/hyperglycemia; congenital heart disease; acute renal failure, NEC, TEF.
- Discuss hematologic problems, lab values and management of DIC, anemia and thrombocytopenia.
- Review key immunologic concepts including inflammatory response, immunity, differentials, and sepsis.
- Identify etiologies, signs/symptoms and plan of restoration of fluid and electrolyte disturbances.
- Describe the pathophysiology, clinical presentation, assessment and management of neurologic disorders including, IVH/PVH, seizures, HIE and hydrocephalus.
- Understand the pathophysiology underlying GI disorders including hyperbilirubinemia, NEC, and TEF.

### ———— CONTINUING EDUCATION CREDITS ————

This program is designed to meet Board of Nursing CE requirements for license renewal in all 50 states. Professional Education Center (PEC) is a provider approved by the California Board of Registered Nursing, Provider #9890, Contact Hours 16.5. Florida FBN#2219 for 15.2 Hours. Meets Texas Type I criteria. **CE Certificate is issued at program conclusion.**

# NICU Neonatal Systems: A Comprehensive Review

## Recognizing & Caring For The At Risk Neonate

### DAY ONE - Transition/Pulmonary/Hematologic

7:30am *Check In with Continental Breakfast*  
 8:00am **HIGH RISK MATERNAL COMPLICATIONS & HIGH RISK NEWBORNS... TRANSITION TO EXTRAUTERINE LIFE... PULMONARY SYSTEM REVIEW... PULMONARY DISORDERS...**  
 TTN - RDS - Aspiration - Persistent Pulmonary Hypertension - Air Leaks - Ventilation Strategies Medications Used During Ventilation Therapy Oxygen & Acid-Base Homeostasis  
**HEMATOLOGIC DISORDERS:**  
 Anemia - Hemorrhagic Disease of the Newborn Disseminated Intravascular Coagulation Thrombocytopenia, Blood Products  
 3:30pm Adjourn

### DAY TWO - Cardiac/Immunologic/Metabolic/Renal





7:30am *Check In with Continental Breakfast*  
 8:00am **CARDIAC SYSTEM REVIEW Evaluation of the Cardiac System**  
 Congestive Heart Failure  
 Congenital Heart Defects - Increased Pulmonary Flow Obstructive Defects - Pulmonary Venous Congestion Obstructive Defects - Decreased Pulmonary Blood Flow Mixed Defects  
**IMMUNOLOGY:** Immune System & Diagnostics  
 Inflammatory Response, Immunity, Differentials  
 Bacterial, Fungal & Viral Infections  
 Pathogens: Presentation & Management  
**METABOLIC & ENDOCRINE DISORDERS:**  
 Glucose Homeostasis  
 Fluid & Electrolyte Management:  
 Fluid Depletion - Fluid Excess  
 Sodium/Potassium/Calcium/Magnesium Homeostasis  
 In-Born Errors of Metabolism  
**RENAL DISORDERS:** Renal Dynamics & Physiology  
 Acute Renal Failure; Polycystic Kidney Disease  
 Renal Vein Thrombosis  
 Hypospadias; Bladder Extrophy  
 3:30pm Adjourn

### DAY THREE - Neurologic/GI

7:30am *Check In with Continental Breakfast*  
 8:00am **NEUROLOGIC DISORDERS:** Physiology of Brain  
 Neurologic Assessment: IVH/PVL  
 Seizures, Hypoxic-Ischemic Encephalopathy  
 Hydrocephalus, Congenital Malformations  
**GASTROINTESTINAL DISORDERS:**  
 Nutritional Requirements - Feeding  
 Hyperbilirubinemia, NEC, TEF - Abdominal Wall Defects  
 11:30am Lunch Provided  
 12:30pm *\*NCC Neonatal Intensive Care Nursing Exam for Approved Candidates...*

*Attending the course does not guarantee passing the exam.*

## REGISTRATION: 2018 NICU Review

RN  APN  CNM  MD/DO  PA Other: \_\_\_\_\_  
 NAME \_\_\_\_\_ License# \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone (\_\_\_\_) \_\_\_\_\_  
**E-mail** \_\_\_\_\_  
 Part of Group Registration  
 Check Payable to: Professional Education Center (PEC)  
         
 Card #s \_\_\_\_\_ Exp. \_\_\_\_\_

I prefer a vegetarian lunch (available with pre-registration only)

| PROGRAM FEES  | Complete Course                     | Daily Attendance                        |
|---|-------------------------------------|---|
| ___ Individual  | <input type="checkbox"/> \$469      | <input type="checkbox"/> \$229 per day  |
| ___ Group 4**   | <input type="checkbox"/> \$459 each | <input type="checkbox"/> \$219 each/day |
| ___ Group 8+**  | <input type="checkbox"/> \$449 each | <input type="checkbox"/> \$209 each/day |
| <input type="checkbox"/> I am taking the on site NCC exam \$25 NR fee due PEC |                                     |   |

\*\*Groups MUST pre-register & Pre-pay TOGETHER to qualify as a group.

At The Door Payment or Registration: \$519/Course or \$279/day  
 At door registration on 'Space Available' basis - Please call to confirm.

#### I will attend the following 2018 Program:

|                 |                                |                                |                                   |
|-----------------|--------------------------------|--------------------------------|-----------------------------------|
| Orlando, FL     | <input type="checkbox"/> 1/16  | <input type="checkbox"/> 1/17  | <input type="checkbox"/> 1/18/18  |
| Dallas, TX      | <input type="checkbox"/> 2/21  | <input type="checkbox"/> 2/22  | <input type="checkbox"/> 2/23/18  |
| Abington, PA    | <input type="checkbox"/> 3/27  | <input type="checkbox"/> 3/28  | <input type="checkbox"/> 3/29/18  |
| Sacramento, CA  | <input type="checkbox"/> 4/16  | <input type="checkbox"/> 4/17  | <input type="checkbox"/> 4/18/18  |
| Evansville, IN  | <input type="checkbox"/> 5/1   | <input type="checkbox"/> 5/2   | <input type="checkbox"/> 5/3/18   |
| Morristown, NJ  | <input type="checkbox"/> 9/12  | <input type="checkbox"/> 9/13  | <input type="checkbox"/> 9/14/18  |
| New Orleans, LA | <input type="checkbox"/> 10/10 | <input type="checkbox"/> 10/11 | <input type="checkbox"/> 10/12/18 |

**Recommended Textbook (Optional) For Additional Study:**  
 Core Curriculum NICU - Edited by Dr. T. Verklan \*\*NEW 5th Ed  
 w/24 Hr. CE as a HomeStudy Unit; discount w/registration see website  
 Recommended for self-study, not required

**EASY COURSE REGISTRATION:  
 ON-LINE: [www.proedcenter.com](http://www.proedcenter.com)**

or  
**Call: 800-732-2387 9am-3:30 pm M-F (PST)  
 Register at anytime! FAX - 530-343-3575**

**OR**  
**Mail Your Registration To:  
 P.O. Box 7447 Chico, CA 95927-7447**

\*The NCC NICU exam is separate from and has no affiliation with this course. It is PEC's goal to support higher standards of continuing education and to assist nurse's seeking certification, thus PEC has established the option for PEC NICU review course attendees to sit the NCC exam. NCC sends an admission letter following receipt/approval of exam application. Contact NCC if you have applied and have not received your admission to exam letter. Testing site inclusion does not constitute NCC endorsement of course, course content, or materials provided. NCC and PEC are not affiliated organizations. A collaborative effort has provided an educational (PEC) and testing (NCC) opportunity to clinicians nationwide. PEC has no authority to approve, disapprove or vary any requirement for qualifying for or taking any NCC exam.

**Registration for the onsite NCC exam following attendance at the course is separate with NCC (\$275) we suggest registering using the link on our website: [proedcenter.com](http://proedcenter.com). Please note there is a \$25 test administration fee due PEC for the onsite exam.**



Professional Education Center  
 P.O. Box 7447  
 Chico, California 95927-7447

## NICU - REVIEW

Excellent for Exam Review or  
 Comprehensive Orientation Tool

Neonatal Intensive Care Nursing:  
**Identifying the At-Risk Newborn**  
 Comprehensive Systems Review  
 Physiology Focused Identification/Care

PLEASE POST - THANK YOU!

### RNC NCC EXAM INFORMATION CONTACT-DETAILS:

\*NCC Exam registration must be done separately  
 with NCC and is \$275.  
 NCC requires the registration be at least  
 21 days prior to exam date.

NCC Registration Instructions Inside this brochure OR  
 use the tab on the [proedcenter.com](http://proedcenter.com) website homepage  
 There is a \$25 non-refundable test administration fee  
 due PEC if taking exam on-site.

We recommend some review prior to the seminar.

**CE CREDIT: Nurses: BRN 16.5 Hours CE Credit; 2 hours Pharmacology.**

Professional Education Center (PEC) is a provider approved by the California Board of Registered Nursing, Provider #9890, for 16.5 (6.5 days 1&2, 3.5 day 3) Contact Hrs. Florida FBN#2219 for 15.2 (6.0 days 1&2; 3.2 day 3). Meets Texas Type I criteria.

**Neither provider nor presenters have any commercial conflict of interest.**

## 2018 PROGRAM LODGING

A limited number of rooms at a preferred rate, have been arranged with the following hotel per site.

Call, (use code if stated) or use the direct website link (on our website) to make a reservation.

Be sure to reserve at least 30 days ahead to get a room and get the special discounted rate.

### **ORLANDO, FL - January 16-18**

Host: Florida Hospital for Children

LODGING: PEC continues to negotiate a preferred rate at a nearby hotel.

### **SACRAMENTO, CA - April 16-18**

Host: Hilton Sacramento Arden Mall

2200 Harvard St, Sacramento, CA 95815  
 (916) 922-4700 or (800) 344-4321 \$149 PEC-NICU

### **DALLAS, TX - February 21-23**

Host: Parkland Health and Hospital

LODGING: PEC continues to negotiate a preferred rate at a nearby hotel.

### **EVANSVILLE, IN - May 1-3**

Host: Deaconnes Womens Hospital

LODGING: Holiday Inn Express East  
 220 Kirkwood Dr. Evansville, IN 47715  
 (812) 303-0050 \$109 PEC-NICU

### **ABINGTON, PA - March 27-29**

Host: Abington Hospital

LODGING: Fairfield Inn and Suites  
 2440 Maryland Road Willow Grove, PA 19090  
 (215) 885-1130 \$129

### **MORRISTOWN, NJ - September 12-14**

Host: Morristown Medical Center

LODGING: Hyatt House  
 194 Park Avenue Morristown, NJ 07960  
 (973) 971-0008 \$179 PEC-NICU

### **NEW ORLEANS, LA - October 10-12**

Hilton Garden Inn Convention Center 1001 S Peters St., New Orleans, LA 70130  
 (504) 525-0044 \$245 Professional Education Center - NICU

PROFESSIONAL EDUCATION CENTER is dedicated to bringing you the most respected speakers, and providing education that is clinically essential. Education that you will use every day - Education that makes a difference!

**The opportunity to share experiences and network with your peers is just one more reason to choose Professional Education Center for your CE programs!**